

METHODS AND SYSTEMS FOR REDIRECTING TRANSFORMED WINDOWS

Abstract of the Disclosure

Methods, systems, and computer-readable media are disclosed for redirecting an input to or
5 from an application via a transformed window on a display device while maintaining the
transformed window transparent to the application. A window transformation application program
interface coupled with a window manager comprises a desktop window manager that facilitates the
transparency. The desktop window manager, through the transformation API incorporates a
transformation matrix that is used to transform the window from the application on the display. A
10 mouse (or other input device) hit testing routine is incorporated into the desktop window manager to
map an input device point to the transformed window, perform an inverse transform on the input
device point if it is associated with the transformed window, before sending an input device message
associated with the input device point on to the application. In this way, the application need not be
aware of the transformation.